

## Kissinger, Lon

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**From:** Kissinger, Lon  
**Sent:** Sunday, August 10, 2014 10:47 PM  
**To:** Brown, Katherine  
**Cc:** Fleming, Sheila; Williamson, Ann; Grepo-Grove, Gina  
**Subject:** Comments on Sunn'aq Fish Consumption Survey  
**Attachments:** SunaQAPPJuly2014 LK comments.docx

Hi Katherine,

Sorry about not getting this to you Friday, too much other stuff to do!

To be clear, these comments are provided as courtesy to the villages for their consideration. They do not constitute an "approval." If the comments are addressed, it does not imply that the work will be suitable outside of supporting the villages in characterizing their seafood consumption for their own purposes. To be sure, addressing these comments will substantially improve the quality of the final reports.

Major comments:

- 1) The survey should have a pilot test phase.
- 2) It would be good to have more supporting data on how the selected fish species were derived.
- 3) The survey should consider adding additional model types to help characterize unique seafood preparations and organisms other than fish. Each model should have a raw flesh weight associated with it.
- 4) The consumption tables should be modified to include, for each species, model type and fraction or multiple of model consumed. This approach would eliminate redundancy with the final portion of the survey.
- 5) If the surveys are to have regulatory significance, they should characterize upper percentiles of seafood consumption. National Ambient Water Quality standards are based on the 90<sup>th</sup> percentile of national data.
- 6) The survey should consider recording consumption during high and low season if they are variable.
- 7) Questions should be examined to determine whether they are asked over categories that are too broad. For example, shellfish could include crab, bivalves, and unique organisms (e.g. octopus). It may be confusing to ask questions over such broad categories. Consumption of halibut and salmon could also differ radically.
- 8) The survey should include an interviewer training guide.
- 9) Procedures for analyzing data should be considered.
- 10) I would defer to a statistician to evaluate sample sizes and pooling data across villages.

Regards,

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